

### **ABSTRACT OF THE DISCLOSURE**

This invention involves the use of electrically conductive polymeric materials to facilitate the continuous production of electrophysically and electrochemically treated articles. The unique characteristics of electrically conductive polymers advance both process capabilities and formation of the intended treated items. Multiple embodiments demonstrate the unique ability of electrically conductive polymeric materials to enable simplified manufacture of electrically treated items. Continuous production of electroplated items including electroplated plastics is taught. Directly Electroplateable Resins are shown to be particularly advantageous in many of the embodiments of the current invention.